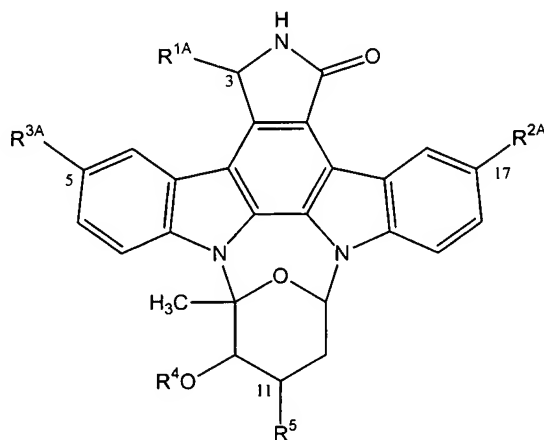


a.) Amendments to the Claims

1. (Cancelled)

2. (Currently Amended) A ~~staurosporin derivative or a pharmaceutically acceptable salt thereof, which is represented by the general compound of~~ formula (IA):



(IA)

wherein

R^{1A} represents hydroxy or lower alkoxy;

R^{2A} represents hydrogen, hydroxy, halogen, formyl, nitro, amino, COR^{6A1} (wherein R^{6A1} represents substituted or unsubstituted lower alkyl, hydroxy, or substituted or unsubstituted lower alkoxy), OR^{14A1} (wherein R^{14A1} represents substituted or unsubstituted lower alkyl), ~~lower alkyl~~, substituted or unsubstituted lower alkyl, substituted or unsubstituted lower alkenyl, substituted or unsubstituted lower alkadienyl, substituted or unsubstituted lower alkynyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, COR^{6A3} (wherein R^{6A3} has the same meaning as defined for R^{6A2} ~~below~~), NR^{11A2}R^{12A2} (wherein R^{11A2} and R^{12A2} have the same meaning as defined for R^{11A1} and R^{12A1} ~~below~~, respectively), or OR^{14A3} (wherein R^{14A3} has the same meaning as defined for R^{14A2} ~~below~~);

when R^{2A} represents hydrogen, hydroxymethyl, hydroxy, halogen, formyl, nitro, amino, COR^{6A1} (wherein R^{6A1} represents substituted or unsubstituted lower alkyl, hydroxy, or substituted or unsubstituted lower alkoxy), or OR^{14A1} (wherein R^{14A1} represents substituted or unsubstituted lower alkyl),

then R^{3A} represents ~~lower alkyl~~, substituted or unsubstituted lower alkyl (other than ~~substituted lower alkyl~~ is not hydroxymethyl), substituted or unsubstituted lower alkenyl, substituted or unsubstituted lower alkadienyl, substituted or unsubstituted lower alkynyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, COR^{6A2} {< wherein R^{6A2} represents substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, $NR^{7A1}R^{8A1}$ (wherein R^{7A1} and R^{8A1} ~~have the same meanings as defined for R^7 and R^8 above, respectively~~, independently represent hydrogen, substituted or unsubstituted lower alkyl, substituted or unsubstituted lower alkenyl, cycloalkyl having 3 to 6 carbon atoms, substituted or unsubstituted aryl, or a substituted or unsubstituted heterocyclic group, or are combined with their adjacent N to form a substituted or unsubstituted heterocyclic group that may contain an oxygen atom, a sulfur atom, or another nitrogen atom), OR^{9A1} (wherein R^{9A1} represents substituted or unsubstituted lower alkenyl, cycloalkyl having 3 to 6 carbon atoms, or substituted or unsubstituted aryl), or SR^{10A1} (wherein R^{10A1} ~~has the same meaning as defined for R^{10} above~~)>> represents substituted or unsubstituted lower alkyl, or substituted or unsubstituted aryl) }, $NR^{11A1}R^{12A1}$ {~~(wherein R^{11A1} and R^{12A1} has the same meaning as defined for R^{11} and R^{12} above respectively~~, independently represent hydrogen, substituted or unsubstituted lower alkyl, substituted or unsubstituted lower alkenyl, cycloalkyl having 3 to 6 carbon atoms, COR^{13A} [wherein R^{13A} represents substituted or unsubstituted lower alkyl, substituted or unsubstituted lower alkenyl, lower alkoxy, carbonyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, OR^{9A} (wherein R^{9A} represents hydrogen, substituted or unsubstituted lower alkyl, substituted or unsubstituted

lower alkenyl, cycloalkyl having 3 to 6 carbon atoms, or substituted or unsubstituted aryl),
NR^{7A}R^{8A} (wherein R^{7A} and R^{8A} have the same meaning as defined for R^{7A1} and R^{8A1},
respectively)], CSR^{13A}, SO₂R^{13B} (wherein R^{13B} has the same meaning as defined for R^{13A}),
or a group derived from an amino acid (wherein a hydroxyl group in a carboxyl group is
excluded from the amino acid and a functional group in the amino acid may be protected
with a protective group), with the proviso that R^{11A1} and R^{12A1} are not simultaneously
hydrogen)}], or OR^{14A2} {wherein R^{14A2} represents substituted or unsubstituted lower alkenyl,
cycloalkyl having 3 to 6 carbon atoms, substituted or unsubstituted lower alkanoyl,
substituted or unsubstituted aroyl, or CONR^{7B1}R^{8B1} (wherein R^{7B1} and R^{8B1} have the same
meanings as defined for R⁷ and R⁸ above R^{7A1} and R^{8A1}, respectively))};

when R^{2A} represents lower alkyl, substituted lower alkyl (~~the~~
~~substituted lower alkyl is not~~ other than hydroxymethyl), substituted or unsubstituted lower
alkenyl, substituted or unsubstituted lower alkadienyl, substituted or unsubstituted lower
alkynyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group,
COR^{6A3} (wherein R^{6A3} has the same meaning as defined for R^{6A2} ~~above~~), NR^{11A2}R^{12A2}
(wherein R^{11A2} and R^{12A2} have the same meanings as defined for R^{11A1} and R^{12A1} ~~above~~,
respectively), or OR^{14A3} (wherein R^{14A3} has the same meaning as defined for R^{14A2} ~~above~~),

then R^{3A} represents substituted or unsubstituted lower alkyl,
substituted or unsubstituted lower alkenyl, substituted or unsubstituted lower alkadienyl,
substituted or unsubstituted lower alkynyl, substituted or unsubstituted aryl, a substituted
or unsubstituted heterocyclic group, halogen, nitro, formyl, COR^{6A4} [wherein R^{6A4}
represents substituted or unsubstituted lower alkyl, substituted or unsubstituted aryl, a
substituted or unsubstituted heterocyclic group, NR^{7A2}R^{8A2} {wherein R^{7A2} and R^{8A2} have the
same meanings as defined for R^{7A1} and R^{8A1} ~~R⁷ and R⁸ above~~, respectively}, OR^{9A2}
(wherein R^{9A2} has the same meaning as defined for ~~R⁹ above~~ R^{9A}), or SR^{10A2} (wherein R^{10A2}
has the same meaning as defined for ~~R¹⁰ above~~ R^{10A1})], NR^{11A3}R^{12A3} (wherein R^{11A3} and

R^{12A3} have the same meaning as defined for R^{11A1} and R^{12A1} ~~R^{11} and R^{12} above,~~
 respectively) , or OR^{14A4} (wherein R^{14A4} ~~has the same meaning as defined for R^{14} above~~
represents hydrogen, substituted or unsubstituted lower alkyl, substituted or unsubstituted
lower alkenyl, cycloalkyl having 3 to 6 carbon atoms, substituted or unsubstituted lower
alkanoyl, substituted or unsubstituted aroyl, or $CONR^{7A1}R^{8A1}$;

~~R^{14} has the same meaning as defined for R^{14} above; and~~

R^4 ~~and~~ represents hydrogen, or substituted or unsubstituted lower
alkyl; and

R^5 ~~have the same meaning as defined above respectively~~ represents
 $NR^{11A}R^{12A}$.

wherein the substituents in the substituted lower alkyl and
substituted lower alkoxy are independently selected from the group consisting of halogen,
carboxy, lower alkoxy, lower alkanoyl, substituted or unsubstituted aryl, a
substituted or unsubstituted heterocyclic group, $CONR^{15}R^{16}$ (wherein R^{15} and R^{16}
independently represent hydrogen, hydroxy, aralkyl, lower alkyl, lower alkenyl, substituted
or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, or are combined
with their adjacent N to form a heterocyclic group), $NR^{17}R^{18}$ {wherein R^{17} and R^{18}
independently represent hydrogen, lower alkyl, lower alkenyl, lower alkanoyl, aroyl,
substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group,
substituted lower alkyl [the substituted lower alkyl is replaced by at least one of hydroxy,
lower alkoxy, $O(CH_2CH_2O)_nR^{19}$ (wherein n is an integer of 1 to 15, and R^{19} is lower alkyl),
oxo, carboxy, lower alkoxy, lower alkanoyl, substituted or unsubstituted aryl, a substituted or
unsubstituted heterocyclic group, $CONR^{15A}R^{16A}$ (wherein R^{15A} and R^{16A} have the same
meaning as defined for R^{15} and R^{16} , respectively), amino, lower alkylamino, and di(lower
alkyl)amino], cycloalkyl having 3 to 6 carbon atoms, or aralkyloxycarbonyl, are combined
with their adjacent N to form a heterocyclic group which is substituted or unsubstituted},

$N^+R^{20}R^{21}R^{22}X^-$ [wherein R^{20} and R^{21} independently represent lower alkyl, or are combined with their adjacent N to form a heterocyclic group, R^{22} is lower alkyl, and X is an atom of chlorine, bromine or iodine], OR^{23} {wherein R^{23} represents hydrogen, lower alkyl, lower alkanoyl, lower alkyl [which is substituted with at least one of hydroxy, lower alkoxy, $O(CH_2CH_2O)_{nA}R^{19A}$ (wherein nA is an integer of 1 to 15, and R^{19A} is lower alkyl), oxo, carboxy, lower alkoxycarbonyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, $CONR^{15B}R^{16B}$ (wherein R^{15B} and R^{16B} have the same meaning as defined for R^{15} and R^{16} , respectively), amino, lower alkylamino, and di(lower alkyl)amino], substituted or unsubstituted aryl, and a substituted or unsubstituted heterocyclic group}, SR^{23A} (wherein R^{23A} has the same meaning as defined for R^{23}) and SO_2R^{23B} (wherein R^{23B} is lower alkyl);

the substituents for lower alkenyl, lower alkadienyl and lower alkynyl include oxo in addition to the substituents permitted for lower alkyl;

the substituents for lower alkanoyl are independently selected from the group consisting of halogen and $NR^{17A}R^{18A}$ (wherein R^{17A} and R^{18A} have the same meaning as defined for R^{17} and R^{18} , respectively);

the substituents for aryl and aroyl are independently selected from the group consisting of halogen, lower alkyl (optionally substituted with halogen, oxo, carboxy, lower alkoxycarbonyl, amino, lower alkylamino, di (lower alkyl) amino, hydroxy or lower alkoxy), nitro, hydroxy, lower alkoxy, amino, lower alkylamino, di(lower alkyl)amino, lower alkanoyl and cyano; and

the substituents for the heterocyclic group and the heterocyclic group formed using the adjacent N include oxo in addition to the substituents permitted for aryl and aroyl; and

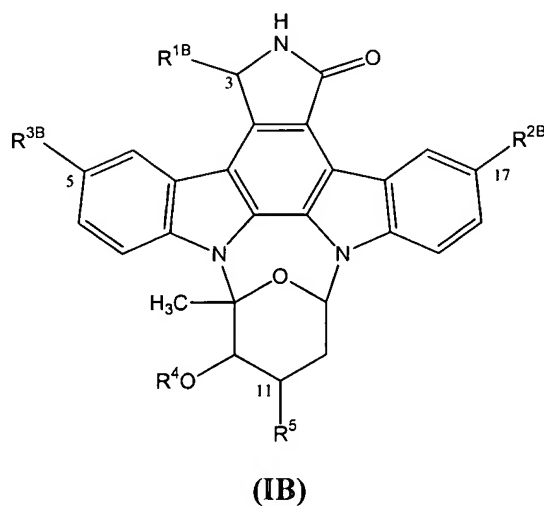
wherein the heterocyclic group is selected from the group consisting of pyrrolidinyl, imidazolidinyl, piperidinyl, morpholinyl, thiomorpholinyl, piperidino,

morpholino, piperadiny, furyl, thienyl, pyrrolyl, imidazolyl, triazolyl, oxazolyl, thiazolyl, pyridyl, pyrimidinyl, indolyl, quinolyl, isoquinolyl and quinazolinyl; and

the heterocyclic group formed together using the adjacent N is selected from the group consisting of pyrrolidinyl, morpholino, thiomorpholino, N-methylpiperadiny, pyrazolidinyl, piperidino, piperadiny, homopiperadiny, indolyl and isoindolyl;

or a pharmaceutically acceptable salt thereof.

3. (Currently Amended) A ~~staurosporin derivative or a pharmaceutically acceptable salt thereof, which is represented by the general compound~~ of formula (IB):



wherein

~~R^{1B}, R^{2B} and R^{3B} represent groups defined for the above R¹, R² and R³, respectively, except when R¹ is hydrogen and R² and R³ are the same or different and represent hydrogen, nitro, amino, carboxy, lower alkoxy carbonyl, hydroxy or hydroxymethyl, and when R¹ is hydrogen and R² and R³ are the same or different and~~

represent hydrogen, halogen, formyl, lower alkanoyl or lower alkoxy, and R^4 and R^5 have the same meanings as defined above, respectively represents hydroxy or lower alkoxy;

R^{2B} and R^{3B} independently represents substituted or unsubstituted lower alkyl, substituted or unsubstituted lower alkenyl, substituted or unsubstituted lower alkadienyl, substituted or unsubstituted lower alkynyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, nitro, formyl, COR^6 <wherein R^6 represents substituted lower alkyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, NR^7R^8 {wherein R^7 and R^8 independently represent hydrogen, substituted or unsubstituted lower alkyl, substituted or unsubstituted lower alkenyl, cycloalkyl having 3 to 6 carbon atoms, substituted or unsubstituted aryl, or a substituted or unsubstituted heterocyclic group, or are combined with their adjacent N to form a substituted or unsubstituted heterocyclic group (which may contain an oxygen atom, a sulfur atom, or another nitrogen atom)}, OR^9 (wherein R^9 represents hydrogen, substituted or unsubstituted lower alkyl, substituted or unsubstituted lower alkenyl, cycloalkyl having 3 to 6 carbon atoms, or substituted or unsubstituted aryl), or SR^{10} (wherein R^{10} represents substituted or unsubstituted lower alkyl, or substituted or unsubstituted aryl) >, $NR^{11}R^{12}$ <wherein R^{11} and R^{12} independently represent hydrogen, substituted or unsubstituted lower alkyl, substituted or unsubstituted lower alkenyl, cycloalkyl having 3 to 6 carbon atoms, COR^{13} {wherein R^{13} represents substituted or unsubstituted lower alkyl, substituted or unsubstituted lower alkenyl, lower alkoxycarbonyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, OR^{9A} (wherein R^{9A} has the same meaning as defined for R^9), $NR^{7A}R^{8A}$ (wherein R^{7A} and R^{8A} have the same meanings as defined for R^7 and R^8 , respectively)}, CSR^{13A} (wherein R^{13A} has the same meaning as defined for R^{13}), SO_2R^{13B} (wherein R^{13B} has the same meaning as defined for R^{13}), or a group derived from an amino acid (wherein a hydroxyl group in a carboxyl group is excluded from the amino acid and a functional group

in the amino acid may be protected with a protective group) >, or OR¹⁴ {wherein R¹⁴ represents substituted lower alkyl, substituted or unsubstituted lower alkenyl, cycloalkyl having 3 to 6 carbon atoms, substituted or unsubstituted lower alkanoyl, substituted or unsubstituted aroyl, or CONR^{7B}R^{8B} (wherein R^{7B} and R^{8B} have the same meaning as defined for R⁷ and R⁸, respectively)};

R⁴ represents hydrogen, or substituted or unsubstituted lower alkyl;

and

R⁵ represents NR^{11A}R^{12A} (wherein R^{11A} and R^{12A} have the same meaning as defined for R¹¹ and R¹², respectively);

wherein the substituents in the lower alkyl and lower alkoxy are independently selected from the group consisting of halogen, carboxy, lower alkoxy carbonyl, lower alkanoyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, CONR¹⁵R¹⁶ [wherein R¹⁵ and R¹⁶ independently represent hydrogen, hydroxy, aralkyl, lower alkyl, lower alkenyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, or are combined with their adjacent N to form a heterocyclic group], NR¹⁷NR¹⁸ (wherein R¹⁷ and R¹⁸ independently represent hydrogen, lower alkyl, lower alkenyl, lower alkanoyl, aroyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, substituted lower alkyl [which is substituted with at least one of hydroxy, lower alkoxy, O(CH₂CH₂O)_nR¹⁹ (wherein n is an integer of 1 to 15, and R¹⁹ is lower alkyl), oxo, carboxy, lower alkoxy carbonyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, CONR^{15A}R^{16A} (wherein R^{15A} and R^{16A} have the same meaning as defined for R¹⁵ and R¹⁶, respectively), amino, lower alkylamino, and di(lower alkyl)amino], cycloalkyl having 3 to 6 carbon atoms, or aralkyloxycarbonyl, or are combined with their adjacent N to form a substituted or unsubstituted heterocyclic group}, N⁺R²⁰R²¹R²²X⁻ [wherein R²⁰ and R²¹ independently represent lower alkyl, or are combined with their adjacent N to form a heterocyclic group,

R²² is lower alkyl, and X is an atom of chlorine, bromine or iodine], OR²³ {wherein R²³ represents hydrogen, lower alkyl, lower alkanoyl, substituted lower alkyl [which is substituted with at least one of hydroxy, lower alkoxy, O(CH₂CH₂O)_{nA}R^{19A} (wherein nA is an integer of 1 to 15, and R^{19A} is lower alkyl), oxo, carboxy, lower alkoxycarbonyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, CONR^{15B}R^{16B} (wherein R^{15B} and R^{16B} have the same meaning as defined for R¹⁵ and R¹⁶, respectively), amino, lower alkylamino, and di(lower alkyl)amino), substituted or unsubstituted aryl, and a substituted or unsubstituted heterocyclic group, SR^{23A} (wherein R^{23A} has the same meaning as defined for R²³) and SO₂R^{23B} (wherein R^{23B} is lower alkyl);

the substituents in the lower alkenyl, lower alkadienyl and lower alkynyl include oxo in addition to the substituents in the lower alkyl;

the substituents in the lower alkanoyl are independently selected from the group consisting of halogen and NR^{17A}R^{18A} (wherein R^{17A} and R^{18A} have the same meaning as defined for R¹⁷ and R¹⁸, respectively);

the substituents in the aryl and aroyl are independently selected from the group consisting of halogen, lower alkyl (optionally substituted with halogen, oxo, carboxy, lower alkoxycarbonyl, amino, lower alkylamino, di (lower alkyl) amino, hydroxy or lower alkoxy) , nitro, hydroxy, lower alkoxy, amino, lower alkylamino, di(lower alkyl)amino, lower alkanoyl and cyano; and

the substituents for the heterocyclic group and the heterocyclic group formed to using the adjacent N include oxo in addition to the substituents permitted for aryl and aroyl; and

wherein the heterocyclic group is selected from the group consisting of pyrrolidinyl, imidazolidinyl, piperidinyl, morpholinyl, thiomorpholinyl, piperidino, morpholino, piperadinyl, furyl, thienyl, pyrrolyl, imidazolyl, triazolyl, oxazolyl, thiazolyl, pyridyl, pyrimidinyl, indolyl, quinolyl, isoquinolyl and quinazolinyl; and

the heterocyclic group formed using the adjacent N is selected from the group consisting of pyrrolidinyl, morpholino, thiomorpholino, N-methylpiperadinyl, pyrazolidinyl, piperidino, piperadinyl, homopiperadinyl, indolyl and isoindolyl;
or a pharmaceutically acceptable salt thereof.

4. (Currently Amended) ~~The staurosporin derivative or the pharmaceutically acceptable salt thereof~~ compound according to claim 2, wherein R^{2A} represents amino, halogen, formyl, or hydroxy, and R^{3A} represents substituted or unsubstituted lower alkenyl, substituted or unsubstituted lower alkynyl, ~~lower alkyl~~, substituted or unsubstituted lower alkyl (~~the substituted lower alkyl is not other than~~ hydroxymethyl), or $NHCOR^{13A1}$ [(wherein R^{13A1} ~~has the same meaning as defined for R^{13} above~~) represents substituted or unsubstituted lower alkyl, substituted or unsubstituted lower alkenyl, lower alkoxycarbonyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, OR^{9A} (wherein R^{9A} has the same meaning as defined for R^{9A2} , or $NR^{7A}R^{8A}$ (wherein R^{7A} and R^{8A} have the same meanings as defined for R^{7A1} and R^{8A1} , respectively))]; or

R^{2A} represents substituted or unsubstituted lower alkenyl, substituted or unsubstituted lower alkynyl, ~~lower alkyl~~, substituted or unsubstituted lower alkyl (~~the substituted lower alkyl is not other than~~ hydroxymethyl), or $NHCOR^{13A2}$ (wherein R^{13A2} has the same meaning as defined for ~~R^{13} above~~ R^{13A1}), and R^{3A} represents substituted or unsubstituted lower alkenyl, substituted or unsubstituted lower alkynyl, amino, substituted or unsubstituted lower alkyl, or $NHCOR^{13A3}$ (wherein R^{13A3} has the same meaning as defined for ~~R^{13} above~~ R^{13A1}),

or a pharmaceutically acceptable salt thereof.

5. (Currently Amended) The compound ~~staurosporin derivative or the pharmaceutically acceptable salt thereof~~ according to claim 3, wherein R^{2B} and R^{3B} ~~are the same or different and~~ independently represent substituted or unsubstituted lower alkenyl, substituted or unsubstituted lower alkynyl, amino, halogen, formyl, hydroxy, substituted or unsubstituted lower alkyl, or $NHCOR^{13}$ (~~wherein R^{13} has the same meaning as defined above~~).

6. (Currently Amended) The compound ~~staurosporin derivative or the pharmaceutically acceptable salt thereof~~ according to claim 2 or 4, wherein R^{1A} is hydroxy, or a pharmaceutically acceptable salt of the compound.

7. (Currently Amended) The compound ~~staurosporin derivative or the pharmaceutically acceptable salt thereof~~ according to claim 3 or 5, wherein R^{1B} is hydroxy or a pharmaceutically acceptable salt of the compound.

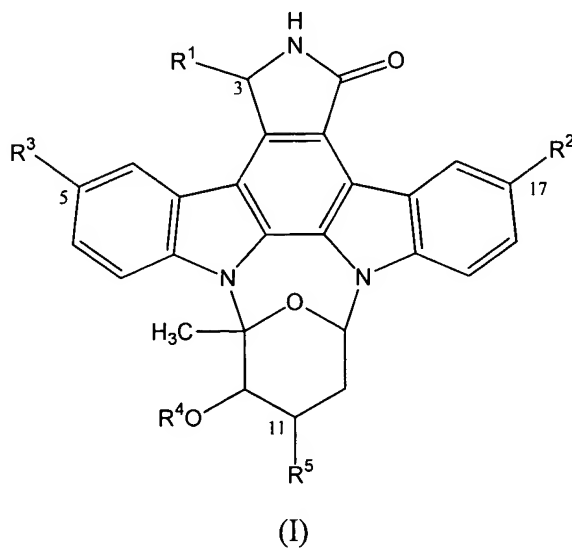
8. (Currently Amended) A pharmaceutical composition comprising at least one ~~staurosporin derivative or pharmaceutically acceptable salt thereof~~ compound according to any one of claims 2 to 5, and a pharmaceutically acceptable carrier.

Claims 9- 15 (Cancelled)

16. (Currently Amended) A pharmaceutical composition comprising at least one ~~staurosporin derivative or pharmaceutically acceptable salt thereof~~ according to any one of claims 2 to 5, and a pharmaceutically acceptable carrier.

17. (Currently Amended) A method for treating a ~~malignant~~ solid

tumor, comprising the step of administering, to a patient in need thereof, a therapeutically effective amount of the staurosporin derivative or a pharmaceutically acceptable salt thereof according to claim 1, a compound of formula (I):



wherein

R¹ represents hydrogen, hydroxy, or lower alkoxy;

R² represents hydrogen, substituted or unsubstituted lower alkyl, substituted or unsubstituted lower alkenyl, substituted or unsubstituted lower alkadienyl, substituted or unsubstituted lower alkynyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, halogen, nitro, formyl, COR⁶ <wherein R⁶ represents substituted or unsubstituted lower alkyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, NR⁷R⁸ (wherein R⁷ and R⁸ independently represent hydrogen, substituted or unsubstituted lower alkyl, substituted or unsubstituted lower alkenyl, cycloalkyl having 3 to 6 carbon atoms, substituted or unsubstituted aryl, or a substituted or unsubstituted heterocyclic group, or are combined with their adjacent N to form a substituted or unsubstituted heterocyclic group (which may contain an oxygen atom, a sulfur atom, or another nitrogen atom) }, OR⁹ (wherein R⁹ represents hydrogen,

substituted or unsubstituted lower alkyl, substituted or unsubstituted lower alkenyl, cycloalkyl having 3 to 6 carbon atoms, or substituted or unsubstituted aryl) , or SR¹⁰ (wherein R¹⁰ represents substituted or unsubstituted lower alkyl, or substituted or unsubstituted aryl) >, NR¹¹R¹² <wherein R¹¹ and R¹² independently represent hydrogen, substituted or unsubstituted lower alkyl, substituted or unsubstituted lower alkenyl, cycloalkyl having 3 to 6 carbon atoms, COR¹³ (wherein R¹³ represents substituted or unsubstituted lower alkyl, substituted or unsubstituted lower alkenyl, lower alkoxy carbonyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, OR^{9A} (wherein R^{9A} has the same meaning as defined for R⁹) , NR^{7A}R^{8A} (wherein R^{7A} and R^{8A} have the same meanings as defined for R⁷ and R⁸, respectively)}, CSR^{13A} (wherein R^{13A} has the same meaning as defined for R¹³), SO₂R^{13B} (wherein R^{13B} has the same meaning as defined for R¹³), or a group derived from an amino acid (wherein a hydroxyl group in a carboxyl group is excluded from the amino acid and a functional group in the amino acid may be protected with a protective group) >, or OR¹⁴ {wherein R¹⁴ represents hydrogen, substituted or unsubstituted lower alkyl, substituted or unsubstituted lower alkenyl, cycloalkyl having 3 to 6 carbon atoms, substituted or unsubstituted lower alkanoyl, substituted or unsubstituted aroyl, or CONR^{7B}R^{8B} (wherein R^{7B} and R^{8B} have the same meaning as defined for R⁷ and R⁸, respectively)};

R³ has the same meaning as defined for R², with the proviso that R² and R³ are not simultaneously hydrogen;

R⁴ represents hydrogen, or substituted or unsubstituted lower alkyl;
and

R⁵ represents NR^{11A}R^{12A} (wherein R^{11A} and R^{12A} have the same meaning as defined for R¹¹ and R¹², respectively);

wherein the substituents in the lower alkyl and lower alkoxy are independently selected from the group consisting of halogen, carboxy, lower

alkoxycarbonyl, lower alkanoyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, $\text{CONR}^{15}\text{R}^{16}$ [wherein R^{15} and R^{16} independently represent hydrogen, hydroxy, aralkyl, lower alkyl, lower alkenyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, or are combined with their adjacent N to form a heterocyclic group], $\text{NR}^{17}\text{R}^{18}$ {wherein R^{17} and R^{18} independently represent hydrogen, lower alkyl, lower alkenyl, lower alkanoyl, aroyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, or are combined with their adjacent N to form a heterocyclic group}, $\text{NR}^{17}\text{R}^{18}$ {wherein R^{17} and R^{18} independently represent hydrogen, lower alkyl, lower alkenyl, lower alkenoyl, aroyl, substituted or unsubstituted heterocyclic group, substituted lower alkyl [which is substituted with at least one of hydroxy, lower alkoxy, $\text{O}(\text{CH}_2\text{CH}_2\text{O})_n\text{R}^{19}$ (wherein n is an integer of 1 to 15, and R^{19} is lower alkyl), oxo, carboxy, lower alkoxycarbonyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, $\text{CONR}^{15A}\text{R}^{16A}$ (wherein R^{15A} and R^{16A} have the same meaning as defined for R^{15} and R^{16} , respectively), amino, lower alkylamino, and di(lower alkyl)amino], cycloalkyl having 3 to 6 carbon atoms, or aralkyloxycarbonyl, or are combined with their adjacent N to form a substituted or unsubstituted heterocyclic group}, $\text{N}^+\text{R}^{20}\text{R}^{21}\text{R}^{22}\text{X}^-$ [wherein R^{20} and R^{21} independently represent lower alkyl, or are combined with their adjacent N to form a heterocyclic group, R^{22} is lower alkyl, and X is an atom of chlorine, bromine or iodine], OR^{23} {wherein R^{23} represents hydrogen, lower alkyl, lower alkanoyl, substituted lower alkyl [which is substituted with at least one of hydroxy, lower alkoxy, $\text{O}(\text{CH}_2\text{CH}_2\text{O})_{nA}\text{R}^{19A}$ (wherein nA is an integer of 1 to 15, and R^{19A} is lower alkyl), oxo, carboxy, lower alkoxycarbonyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, $\text{CONR}^{15B}\text{R}^{16B}$ (wherein R^{15B} and R^{16B} have the same meaning as defined for R^{15} and R^{16} , respectively), amino, lower alkylamino, and di(lower alkyl)amino], substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, SR^{23A} (wherein R^{23A} has the same meaning as defined for R^{23}) and $\text{SO}_2\text{R}^{23B}$ (wherein

R^{23B} is lower alkyl);

the substituents in the lower alkenyl, lower alkadienyl and lower alkynyl include oxo in addition to the substituents in the substituted lower alkyl;

the substituents in the lower alkanoyl are independently selected from the group consisting of halogen and NR^{17A}R^{18A} (wherein R^{17A} and R^{18A} have the same meaning as defined for R¹⁷ and R¹⁸, respectively);

the substituents in the aryl and aroyl are independently selected from the group consisting of halogen, lower alkyl (optionally substituted with halogen, oxo, carboxy, lower alkoxy, carbonyl, amino, lower alkylamino, di (lower alkyl) amino, hydroxy or lower alkoxy) , nitro, hydroxy, lower alkoxy, amino, lower alkylamino, di(lower alkyl)amino, lower alkanoyl and cyano; and

the substituents in the heterocyclic group and the heterocyclic group formed using the adjacent N include oxo in addition to the substituents permitted for aryl and aroyl; and

wherein the heterocyclic group is selected from the group consisting of pyrrolidinyl, imidazolidinyl, piperidinyl, morpholinyl, thiomorpholinyl, piperidino, morpholino, piperadinyl, furyl, thienyl, pyrrolyl, imidazolyl, triazolyl, oxazolyl, thiazolyl, pyridyl, pyrimidinyl, indolyl, quinolyl, isoquinolyl and quinazolinyl; and

the heterocyclic group formed using the adjacent N is selected from the group consisting of pyrrolidinyl, morpholino, thiomorpholino, N-methylpiperadinyl, pyrazolidinyl, piperidino, piperadinyl, homopiperadinyl, indolyl and isoindolyl;

or a pharmaceutically acceptable salt thereof.

18. (Currently Amended) A method, further comprising administering to the patient an antitumor agent, wherein for enhancing the activity of an antitumor agent comprising the step of administering a therapeutically effective amount of the staurosporin

~~derivative or the compound or pharmaceutically acceptable salt thereof~~ according to ~~claim~~
+ claim 17 enhances the activity of the antitumor agent.

Claims 19- 22 (Cancelled)

23. (Currently Amended) A method for treating a ~~malignant solid~~ solid tumor, comprising the step of administering, ~~to a patient in need thereof,~~ a therapeutically effective amount of the compound ~~staurosporin derivative or the pharmaceutically acceptable salt thereof~~ according to any one of claims 2 to 7 5.

24. (Currently Amended) A method, further comprising administering to the patient an antitumor agent, wherein ~~for enhancing the activity of an antitumor agent comprising the step of administering a therapeutically effective amount of the staurosporin derivative or the compound or pharmaceutically acceptable salt thereof~~ according to any one of claims 2 to 7 5 enhances the activity of the antitumor agent.

Claims 25- 28 (Cancelled)